

# MATERIAL SAFETY DATA SHEET



PROSOCO, Inc.

## I PRODUCT IDENTIFICATION

**MANUFACTURER'S NAME AND ADDRESS:** PROSOCO, Inc.  
3741 Greenway Circle  
Lawrence, KS 66046

**EMERGENCY TELEPHONE NUMBERS:**  
**8:00 AM – 5:00 PM CST Monday-Friday:** 785/865-4200  
**NON-BUSINESS HOURS (INFOTRAC):** 800/535-5053

**PRODUCT TRADE NAME:** Sure Klean<sup>®</sup> 1260 Limestone & Marble Poultice

## II HAZARDOUS INGREDIENTS

CHEMICAL NAME	(COMMON NAME)	CAS NO.	NFPA CODE	ACGIH TLV/TWA	OSHA PEL/TWA
Ammonium Salt*	*	*	1,0,0,-	Not established	Not established
Sodium salt*			0,0,0,-	Not established	Not established
Magnesium Aluminum Silicate	(Fullers Earth)	8031-18-3	0,0,0,-	5 mg/m <sup>3</sup> (respirable)	5 mg/m <sup>3</sup> (respirable)*
Ethylene Diamine Tetra Acetic Acid	(EDTA)	64-02-8	1,0,0,-	NE	NE
Crystalline Quartz (0-5% of product)	(Free Silica)	14808-60-7	2,0,0,-	0.1 mg/M <sup>3</sup> (respirable dust)	0.1 mg/M <sup>3</sup> (respirable dust)

\*Specific chemical identity and percentage content withheld as trade secret pursuant to OSHA regulations.

## III PHYSICAL DATA

	BOILING POINT (°F)	VAPOR PRESSURE (mm Hg)	VAPOR DENSITY (Air = 1)	EVAPORATION RATE (Butyl Acetate = 1)
Ammonium Salt*	>140°F	>60.0 (77°F)	>0.6	N/A
Sodium salt*	N/A	N/A	N/A	N/A
Magnesium Aluminum Silicate	N/A	N/A	N/A	N/A
Ethylene Diamine Tetra Acetic Acid	N/A	N/A	N/A	N/A
Crystalline Quartz	N/A	N/A	N/A	N/A

  

	SPECIFIC GRAVITY	pH	SOLUBILITY IN WATER	APPEARANCE AND ODOR
Sure Klean <sup>®</sup> 1260 Limestone & Marble Poultice	1.14-1.26	9-10	Partial	Gray paste, mild odor

## IV FIRE AND EXPLOSION HAZARD DATA

### EMERGENCY OVERVIEW

Sure Klean<sup>®</sup> 1260 Limestone & Marble Poultice is a gray paste with a mild odor. Contact with the eyes, skin or respiratory system may result in irritation. Always wear appropriate personal protective equipment when using this product. This product contains low levels of crystalline silica, which IARC classifies as probably carcinogenic to humans. However, there is no evidence to indicate that the amounts of crystalline silica present in this product have a carcinogenic effect. Always wear appropriate respiratory protection.

**FLASH POINT (METHOD):** > 212°F (ASTM 3278)

**FLAMMABLE LIMITS:** Not determined.

**EXTINGUISHING MEDIA:** Use any means suitable for extinguishing surrounding fire.

**SPECIAL FIRE FIGHTING PROCEDURES:** Not considered to be a fire hazard. Irritating and toxic ammonia gas may form in fires.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Small quantities of ammonia gas may form if product is heated.

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## V HEALTH HAZARD DATA

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**PRIMARY ROUTES OF EXPOSURE:** Skin, eyes, ingestion.

**CARCINOGEN INFORMATION:** **INHALATION:** **WARNING:** This product contains crystalline silica. Repeated, prolonged inhalation of dust may cause delayed lung injury, which may result in silicosis or pneumoconiosis. The International Agency For Research On Cancer in its publication, "IARC Monographs On The Evaluation Of The Carcinogenic Risk To Humans - Silica, Some Silicates, Coal Dust and Para-aramid Fibrils" - Volume 68, 1997, has concluded that there is sufficient evidence for the carcinogenicity of crystalline silica in humans, and has, therefore, classified crystalline silica in Group 1, carcinogenic to humans. The National Toxicology Program's ("NTP's") Sixth Annual Report on Carcinogens, 1991, lists crystalline silica (respirable) as a substance that may reasonably be anticipated to be a carcinogen. In humans, a number of studies have found an association between lung cancer and exposure to dust containing respirable crystalline silica. In many of these studies, though not all, lung cancer risks were elevated and could not be explained by confounding factors such as cigarette smoking or arsenic or radon inhalation. While the IARC working group concluded there was sufficient evidence in humans for the carcinogenicity of inhaled crystalline silica in the form of quartz or cristobalite, it noted that carcinogenicity in humans was not detected in all circumstances studied. **NOTE:** The State of California requires the following statement: "Airborne particles of respirable size of crystalline silica are known to the State of California to cause cancer."

**MEDICAL CONDITIONS AGGRAVATED BY OVEREXPOSURE:** Pre-existing skin and eye disorders may be aggravated by exposure to this product.

**EFFECTS OF OVEREXPOSURE:** Irritation or burning of skin, eyes, or respiratory tissues See inhalation warning in carcinogen information section.

**EYE CONTACT:** May cause moderate eye irritation and redness.

**SKIN CONTACT:** May cause slight skin irritation with redness and pain.

**INHALATION:** May irritate nose, throat, and respiratory tract. May be harmful if inhaled in sufficient quantities. Prolonged exposure to dust of this product (and other sources of free silica) may cause a relatively benign lung disease, though there is the risk of the development of massive fibrosis. Repeated and prolonged exposure to respirable crystalline quartz may cause delayed lung injury (silicosis.) Silicosis is a form of disabling pulmonary fibrosis that can be progressive and may lead to death. Such symptoms have not been observed in exposures to this product.

**INGESTION:** Large oral doses may cause irritation to the gastrointestinal tract.

### **EMERGENCY AND FIRST AID PROCEDURES:**

**EYE CONTACT:** Immediately flush exposed area with water for at least 15 minutes, holding eyelids apart to ensure flushing of the entire eye surface. Get immediate medical attention if irritation persists. If physician is not immediately available, continue flushing with water. Do not use chemical antidote.

**SKIN CONTACT:** Immediately flush exposed area with water for at least 15 minutes. Get medical attention if irritation persists. Remove contaminated clothing. Launder contaminated clothing before reuse.

**INHALATION:** Remove to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. If breathing is difficult, give oxygen. Get medical attention.

**INGESTION: DO NOT INDUCE VOMITING!** Dilute by giving large amounts of water or milk if immediately available. If person is unconscious, do not give anything by mouth. Get medical attention immediately.

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## VI REACTIVITY DATA

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**STABILITY:** Stable.

**CONDITIONS TO AVOID:** Extreme heat.

**INCOMPATIBILITY (MATERIALS TO AVOID):** Strong acids and strong oxidizing agents.

**HAZARDOUS COMBUSTION OR DECOMPOSITION PRODUCTS:** Carbon monoxide, carbon dioxide, oxides of nitrogen, ammonia.

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## VII SPILL OR LEAK PROCEDURES

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**SPILL, LEAK, WASTE DISPOSAL PROCEDURES:** Wear appropriate protective safety equipment. Dike area to contain the spill and prevent migration to drains. Pick up residual material for disposal.

**WASTE DISPOSAL METHODS:** Dispose of in a manner approved for this material or in an approved hazardous waste facility. Dry powder is not classified as hazardous under USEPA regulations and may be disposed of in a sanitary landfill. Contaminants removed during use of the product may alter waste classifications. Consult appropriate federal, state, and local regulatory agencies to ascertain proper disposal procedures.

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## VIII SPECIAL PROTECTION INFORMATION

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**RESPIRATORY PROTECTION:** NIOSH/MSHA approved respiratory protection required in the absence of proper environmental control. NIOSH approved dust/mist respirators are to be used when handling dry/spent product that may liberate respirable silica. Level of respiratory protection depends on concentration of free silica in air. Respiratory protection program must be in accordance with 29 CFR 1910.134.

**VENTILATION:** Sufficient to remove airborne mists and odor.

**PROTECTIVE CLOTHING:** Wear protective clothing as required to prevent prolonged skin contact.

**PROTECTIVE GLOVES:** Use impervious gloves as needed to avoid contact.

**EYE PROTECTION:** Wear safety glasses with side shields for application. Use goggles or a face shield for pressure washing operations. Do not wear contact lenses because they may contribute to the severity of an eye injury.

**OTHER PROTECTIVE EQUIPMENT:** Eyewash should be located in proximity to work area. Provide clean water for body rinsing. Personal protective clothing and use of equipment must be in accordance with 29 CFR 1910.133 and 29 CFR 1910.132.

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## IX SPECIAL PRECAUTIONS

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**WORK PRACTICES:** Proper work practices and planning should be utilized to avoid contact with workers, passersby, building occupants and non-masonry surfaces. Beware of wind drift. See the Product Data sheet and label for specific precautions to be taken during use. Smoking, eating and drinking should be prohibited during the use of this product. Wash hands before breaks and at the end of a shift.

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:** Wear appropriate safety equipment and clothing. Do not get in eyes, on skin, or on clothing. Do not take internally. Avoid breathing mist.

Never touch eyes or face with hands or gloves that may be contaminated with this product.

Store in a cool, dry, well-ventilated place. Separate from acids. Keep containers tightly closed when not dispensing product. Treat empty containers as if they were full. Do not store in contact with aluminum or zinc

**OTHER PRECAUTIONS:** Do not get in eyes, on skin or on clothing. Do not take internally. Wash thoroughly after handling. Do not eat, drink, or smoke in work areas.

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## X REGULATORY INFORMATION

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**SHIPPING:** Not regulated in domestic or international shipping.

**NATIONAL MOTOR FREIGHT CLASSIFICATION:** NMFC #: 48580 sub 3      Class Rate: 55

**SARA 313 REPORTABLE:**

CHEMICAL NAME	CAS	UPPERBOUND CONCENTRATION % BY WEIGHT
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NA

**CALIFORNIA PROPOSITION 65:**      Contains a chemical (crystalline silica) known to the State of California to cause cancer or reproductive risk.

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**XI OTHER**

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**MSDS Status:**

**Date of Revision:** October 15, 2003

**For Product Manufactured After:** N/A – no change in formulation.

**Changes:** Updated every section in MSDS as a result of scheduled technical review.

**Item #:** 20012

**Approved By:** Regulatory Department

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**DISCLAIMER:**

The information contained on the Material Safety Data Sheet has been compiled from data considered accurate. This data is believed to be reliable, but it must be pointed out that values for certain properties are known to vary from source to source. **PROSOCO, Inc. expressly disclaims any warranty express or implied as well as any liability for any injury or loss arising from the use of this information or the materials described.** This data is not to be construed as absolutely complete since additional data may be desirable when particular conditions or circumstances exist. It is the responsibility of the user to determine the best precautions necessary for the safe handling and use of this product for his unique application. This data relates only to the specific material designated and is not to be used in combination with any other material. Many federal and state regulations pertain directly or indirectly to the product's end use and disposal of containers and unused material. It is the purchaser's responsibility to familiarize himself with all applicable regulations.

**DATE OF PREPARATION:** October 15, 2003